INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/41680

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06K 5/00 US CL : 235/380, 375, 382, 487; 283/88, 91		
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S.: 235/380, 375, 382, 487; 283/88, 91		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched None		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) US Patent DB, JPO and EPO DB using EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
X US 5,522,623 A (Soules et al.) 4 June 1996 (04.06 col. 2, lines 14+;	US 5,522,623 A (Soules et al.) 4 June 1996 (04.06.1996), see Abstract; col. 1, lines 24+; col. 2, lines 14+;	
X US 6,234,537 B1 (Gutman et al.) 22 May 2001 (22	US 6,234,537 B1 (Gutman et al.) 22 May 2001 (22.05.2001), See entire document	
A US 5,514,860 A (Berson) 7 May 1996 (07.05.1996	US 5,514,860 A (Berson) 7 May 1996 (07.05.1996) See entire document	
A US 5,683,774 A (Faykish et al.) 4 November 1997	US 5,683,774 A (Faykish et al.) 4 November 1997 (04.11.1997) See entire document	
Further documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:	"T" later document published after the international filing date or priority	
"A" document defining the general state of the art which is not considered to be of particular relevance	date and not in conflict with the applica principle or theory underlying the inver	ition but cited to understand the
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered when the document is taken alone	laimed invention cannot be ed to involve an inventive step
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"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent for	umily
Date of the actual completion of the international search	Date of mailing of the international search report	
20 March 2003 (20.03.2003)	<u> </u>	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT	Authorized officery Ahshik Kim Telephone No. (703)305-5203	
Washington, D.C. 20231 Facsimile No. (703)305-3230		

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